

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,071,192 B1  
APPLICATION NO. : 10/019376  
DATED : July 4, 2006  
INVENTOR(S) : Frans Eduard Janssens et al.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5,

Line 23, delete "C<sub>1</sub>" and insert -- C<sub>1-6</sub>--.

Column 8,

Line 23, after "alkylcarbonylamino," insert -- C<sub>1-6</sub>alkyl-SO<sub>2</sub>-NR<sup>5c</sup> -, aryl-SO<sub>2</sub>-NR<sup>5c</sup> -, C<sub>1-6</sub>alkyloxy carbonyl, C(=O)-NR<sup>5c</sup>R<sup>5d</sup>, HO(- --.

Line 55, delete "-CH<sub>2</sub>-CH<sub>2</sub>)<sub>n</sub>-" and insert -- -CH<sub>2</sub>-CH<sub>2</sub>-O)<sub>n</sub>- --.

Column 9,

Line 21, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 25, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 28, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 35, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 38, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 41, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 48, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 50, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 53, delete "4-methyl" and insert -- -4-methyl --.

Line 56, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 59, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 62, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 65, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Column 10,

Line 1, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 5, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 9, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 11, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 14, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 15, delete "4-methyl-" and insert -- -4-methyl- --.

Line 17, delete "famines" and insert -- amines --.

Line 63, delete "C]" and insert -- C<sub>1</sub>. --.

Column 18,

Line 20, delete "(XVIII)" and insert -- (XVII) --.

Line 46, delete "NR," and insert -- NR<sup>4</sup>, --.

Line 63, delete "(XIX)" and insert -- (XX) --.

Column 20,

Line 23, formula (XXII) delete "G<sub>1</sub>" and insert -- G<sub>2</sub> --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 22,

Line 66, delete "(I-a-2)" and insert -- (I-h-2) --.

Column 24,

Line 28, delete " $\text{NH}_2(\text{C}_{1-6}\text{alkyl})_2$ " and insert --  $\text{NH}(\text{C}_{1-6}\text{alkyl})_2$  --.

Lines 31-33, formula (I-I-2) is incorrect. Delete

" $(\text{C}_{1-6}\text{alkyl})_2\text{N}(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{R}^1$ "



"

and insert

--  $(\text{C}_{1-6}\text{alkyl})_2\text{N}(-\text{CH}_2-\text{CH}_2-\text{O})_n-\text{R}^1$  --.

Column 25,

Line 30, delete "(E)" and insert -- (III) --.

Line 45, delete "(XXVI)" and insert -- (XXVII) --.

Column 26,

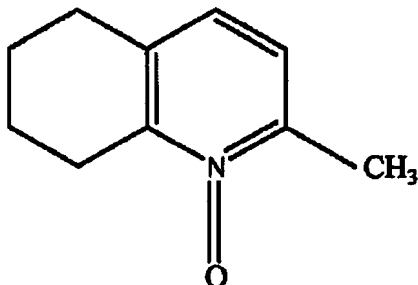
Line 19, delete "Gi" and insert -- G --.

Line 20, delete "(ff-a)" and insert -- (III-a) --.

Column 28,

Lines 60-67, delete

"

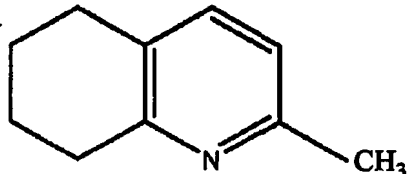


XCIV

"

and insert

--



XCIV

--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 29,

Line 2, delete "(XXXII-1) or (XXXI-b)" and insert -- (XXXIII-a or (XXXIII-b)--.  
Line 5, delete "(E)" and insert -- (III) --.

Column 31,

Line 19, delete "(TV)" and insert -- (IV) --.

Column 32,

Line 54, delete "(TV)" and insert -- (IV) --.

Column 34,

Line 34, delete "Inter-mediates" and insert -- Intermediates --.  
Line 34, delete "(XXXII-a) or (XXXII-b)" and insert -- (XXXIII-a) or (XXX-III-b) --.  
Line 39, delete "(XXXII-a-1)" and insert -- (XXXIII-a-1) --.

Column 35,

Line 13, delete "(XLVI-b)" and insert -- (XLVII-b) --.

Column 36,

Line 30, delete formula number "(XLVIII-b)" and insert -- (XLVIII-a) --.

Column 37,

Line 53, delete "(m)" and insert -- (III) --.

Column 38,

Line 45, delete "inter-mediates" and insert -- intermediates --.  
Line 48, delete "(LVII)" and insert -- (LVIII) --.  
Line 48, delete "Nd N-" and insert -- N,N- --.

Column 39,

Line 6, delete "Z-O-G<sub>1</sub>" and insert -- Z<sub>4</sub>-O-G<sub>1</sub> --.  
Line 63, delete "(IV-g)" and insert -- (IV-g) --.

Column 40,

Line 64, delete "(XXXII-a)" and insert -- (XXXIII-a) --.

Column 41,

Line 30, delete "(LX)" and insert -- (LXIX) --.

Column 43,

Line 14, delete "(LXXI)" and insert -- (LXXII) --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 44,

Line 19, delete "(LXX-a)" and insert -- (LXXI-a) --.

Line 49, delete "(LXX-b)" and insert -- (LXX-b) --.

Line 50, delete "(I)" and insert -- (IX) --.

Column 46,

Line 64, delete "inter-mediates" and insert -- intermediates --.

Column 47,

Line 22, delete "(LXXX)" and insert -- (LXXXI) --.

Line 43, in formula. delete "LXXXI" and insert -- O<sub>2</sub>N – with H<sub>2</sub>N --.

Column 48,

Line 6, delete "(LXXV)" and insert -- (LXXXV) --.

Column 49,

Line 29, delete "inter-mediate" and insert -- intermediate --.

Column 54,

Line 9, delete "(10 g)" and insert -- (100 g) --.

Column 55,

Line 37, delete "(O)-" and insert -- (±)- --.

Column 58,

Line 59, delete "4-" and insert -- (±)-4- --.

Line 61, delete "piperidine-ethanol" and insert -- piperidineethanol --.

Column 59,

Line 67, delete "Nail 60%" and insert -- NaH 60% --.

Column 60,

Line 2, delete "stir-ring" and insert -- stirring --.

Column 61,

Line 15, delete "CH<sub>2</sub>Cl<sub>2</sub>/ CH<sub>3</sub>OH/N OH" and insert -- CH<sub>2</sub>Cl<sub>2</sub>/CH<sub>3</sub>OH/NH<sub>4</sub> OH --.

Line 15, delete "1540" and insert -- 15-40 --.

Line 16, delete "em)" and insert-- μm) --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 62,

Line 29, delete "CH<sub>2</sub>Cl<sub>2</sub>/H<sub>3</sub>OH" and insert -- CH<sub>2</sub>Cl<sub>2</sub>/CH<sub>3</sub>OH --.

Line 29, delete "cm" and insert -- μm --.

Column 68,

Line 61, delete "stir-red" and insert -- stirred --.

Column 69,

Line 29, delete "1540 cm)" and insert -- 15-40 μm --.

Line 44, delete "CH<sub>2</sub>Cl<sub>2</sub>/CH<sub>3</sub>OH NH<sub>4</sub>OH" and insert -- CH<sub>2</sub>Cl<sub>2</sub>/CH<sub>3</sub> OH/NH<sub>4</sub>OH --.

Line 53, delete "1540 cm)" and insert -- 15-40 μm --.

Column 71,

Line 65, delete "(0.0021-O- (mol)" and insert -- (0.00218 mol) --.

Column 72,

Line 12, delete "4- piperidinyl]" and insert -- 4- piperidinyl --.

Column 97,

Line 23, delete "MT" and insert -- MTT --.

Column 100,

Line 43, delete "CH<sub>6</sub>alkyl" and insert --CH<sub>1-6</sub>alkyl --.

Line 46, delete "CH<sub>4</sub>alkyl" and insert --CH<sub>1-4</sub>alkyl --.

Line 47, delete "CH<sub>6</sub>alkylcarbonyl" and insert -- CH<sub>1-6</sub>alkylcarbonyl --.

Line 48, delete "with 1 more more" and insert -- with 1 or more, such as 2, 3 or 4 --.

Line 49, delete "CH<sub>6</sub>alkyl" and insert --C<sub>1-6</sub>alkyl --.

Line 51, delete "H<sub>6</sub>alkylpoxy" and insert -- C<sub>6</sub>alkyloxy --.

Column 103,

Line 16, delete "(I)" and insert -- (I) --.

Column 111,

Line 33, delete "HO-G1" and insert -- HO-G<sub>1</sub> --.

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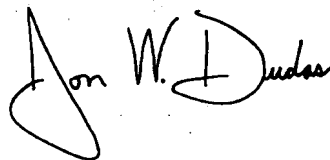
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 112,

Line 23, delete "(I')" and insert -- (I) --.  
Line 29, delete "(I')" and insert -- (I) --.  
Line 36, delete "(I')" and insert -- (I) --.  
Line 40, delete "(I')" and insert -- (I) --.

Signed and Sealed this

Twenty-ninth Day of May, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*